

ABSTRACT OF THE DISCLOSURE

The ADSL system has an apparatus on the subscriber side converts an analog audio signal of the analog communication equipment into a digital audio signal, concentrates on lines the data together with the high-speed digital data in a way of time division, supplies the data to the subscriber line after modulating the data by an ADSL modem, demodulates a signal received from the station by the ADSL modem, thereafter converts the digital audio signal into an analog audio signal, supplies the same to the analog communication equipment, and at the same time supplies high-speed digital data to a high-speed digital data equipment, and an apparatus on the station side demodulates a signal received from said apparatus on the subscriber side through the subscriber line by the ADSL modem, thereafter converts a digital audio signal into an analog audio signal, supplies the same to an analog telephone network, at the same time supplies high-speed digital data to a high-speed digital data network, converts an analog audio signal of the analog telephone network into a digital audio signal, concentrates on lines the data together with high-speed digital data of the high-speed digital data network in a way of time division, and supplies the data to the subscriber line after modulating the data by the ADSL modem.